AMENDMENT

In the Claims:

Please amend claims 13, 15, 17, 19 and 21-30 as follows:

13. (Amended) A method of obtaining photochromic latex comprising:
preparing a mixture comprising at least one organic monomer Z, which monomer comprises at least one C=C group and is polymerizable by a radical process, at least one organic photochromic compound, at least one surfactant, and water;
forming a miniemulsion of the mixture, the miniemulsion comprising an organic phase dispersed in an aqueous phase;
adding a polymerization primer to the mixture before, during, or after forming the miniemulsion;
polymerizing of the reaction mixture, and
recovering photochromic latex.

15. (Amended) The method of claim 14, wherein additional polymerization primer is added to the mixture after formation of the miniemulsion.

17. (Amended) The method of claim 13, further comprising degassing the miniemulsion before the addition of the polymerization primer.

19. (Amended) The method of claim 13, wherein the organic phase is dispersed in the aqueous phase in the form of droplets having a diameter of 50 to 500 nm.

21. (Amended) The method of claim 13, wherein the organic monomer Z is an alkyl (meth) acrylate.

22. (Amended) The method of claim 13, wherein the photochromic compound is a chromene or spirooxazine.

23. (Amended) The method of claim 13, wherein the Z monomer is an alkyl methacrylate and the photochromic compound is a spirooxazine.

24. (Amended) The method of claim 13, wherein the mixture further comprises at least one stabilization agent.

25. (Amended) The method of claim 24, wherein the stabilization agent is an n-alkane, a halogenated n-alkane, a fatty alcohol, or an ester of a fatty alcohol.

26. (Amended) The method of claim 25, wherein the stabilization agent is hexadecane, cetyl alcohol, or stearyl methacrylate.

27. (Amended) The method of claim 13, wherein the polymerization primer is soluble in the aqueous phase or in the organic phase.

28. (Amended) The method of claim 27, wherein the polymerization primer is azobisisobutyronitrile or 2,2'-azobis (2-amidinopropane) dihydrochloride or sodium persulfate.

29. (Amended) The method of claim 13, wherein formation of the miniemulsion comprises passing the mixture through a microfluidizing apparatus.

30. (Amended) A photochromic latex prepared by a method comprising:

preparing a mixture comprising at least one organic monomer Z, which monomer comprises at least one C=C group and is polymerizable by a radical process, at least one organic photochromic compound, at least one surfactant, and water;

forming a miniemulsion of the mixture, the miniemulsion comprising an organic phase dispersed in an aqueous phase;

adding a polymerization primer to the mixture before, during, or after forming the miniemulsion;

polymerizing of the reaction mixture, and

recovering photochromic latex.